

FIG.1

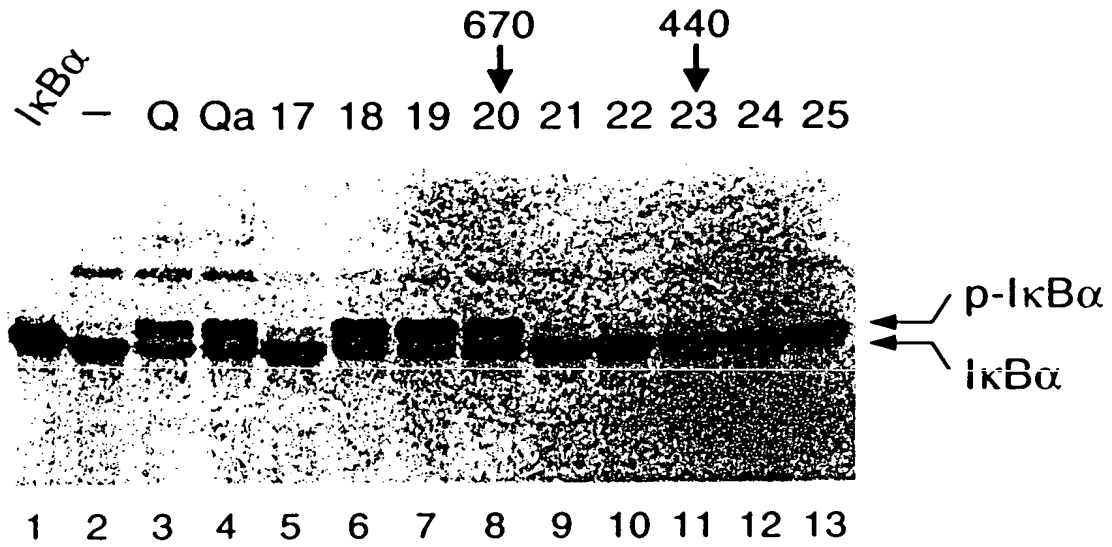


FIG.2A

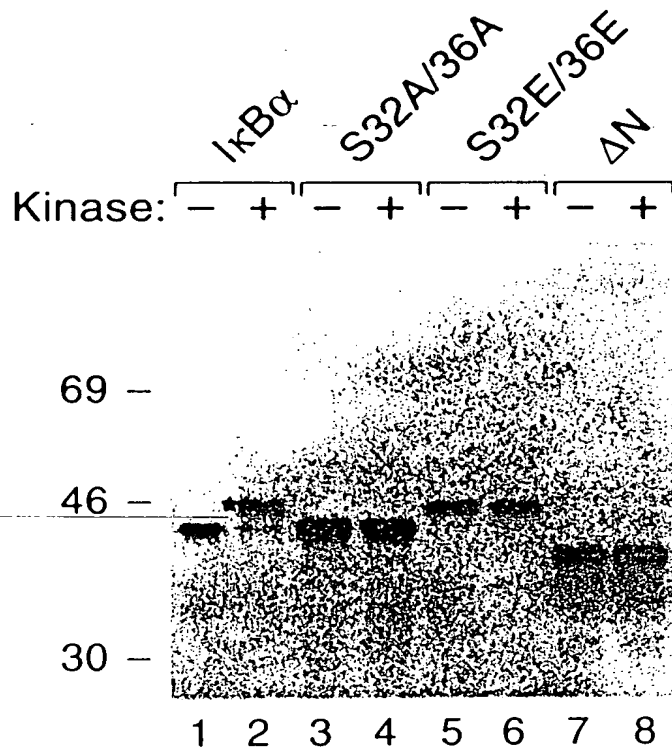


FIG.2C

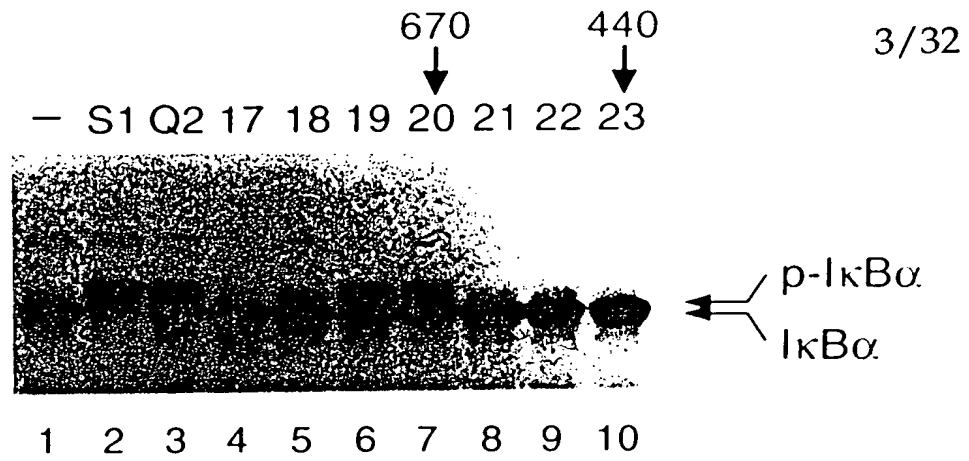


FIG.2B

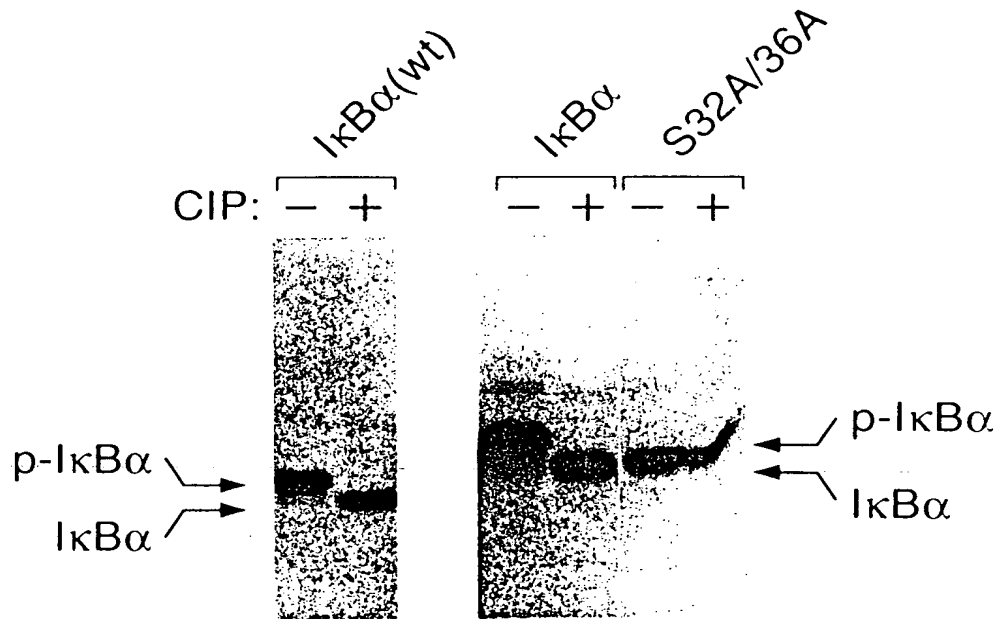


FIG.2D

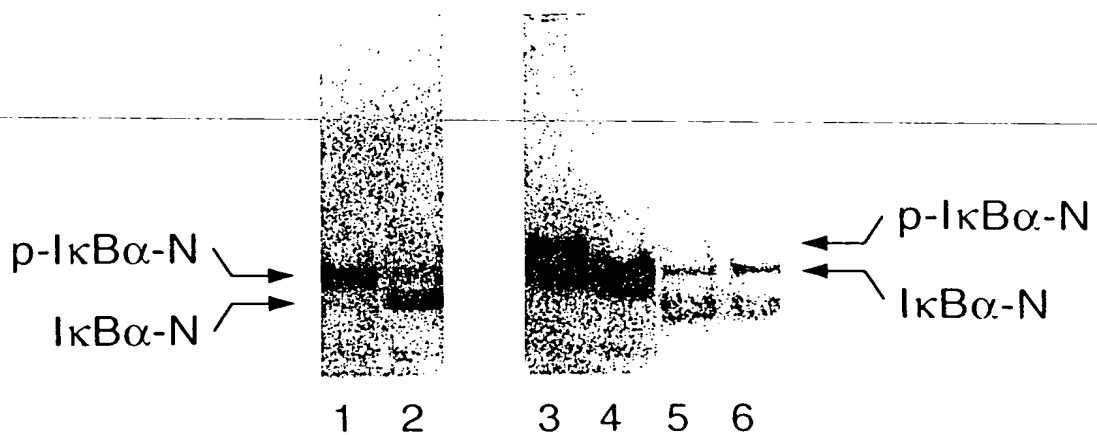


FIG.2E

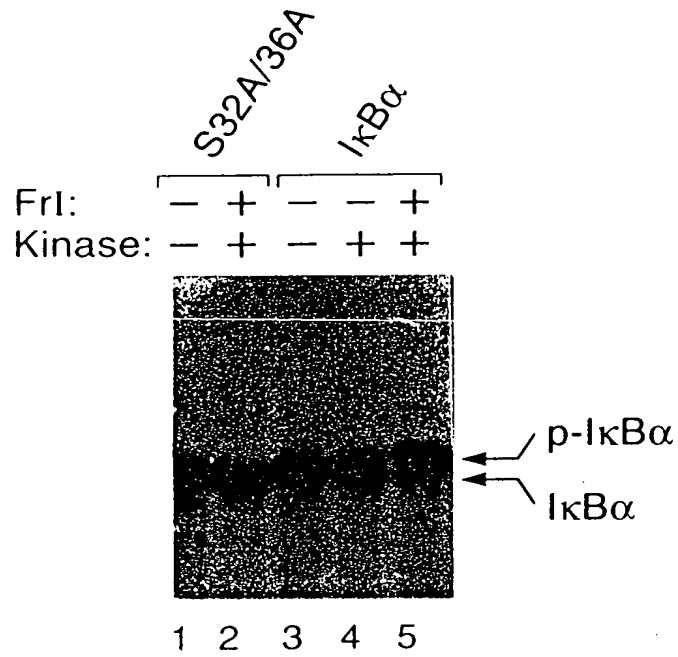


FIG.3A

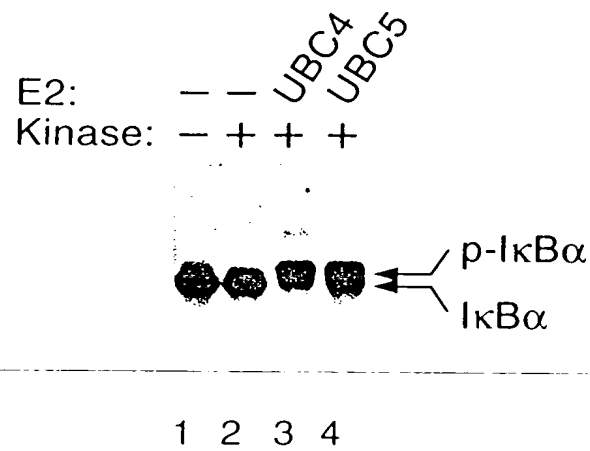


FIG.3B

FIG.3C

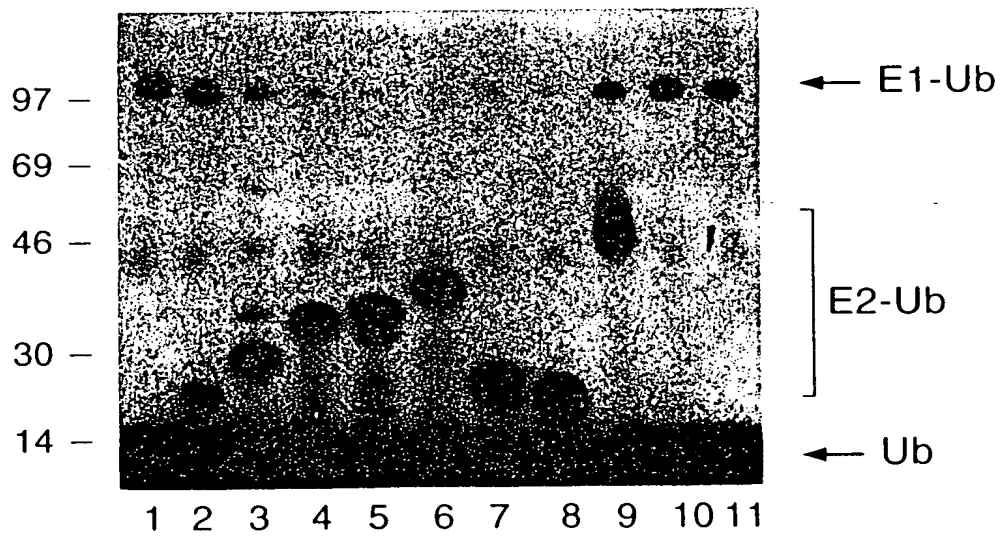
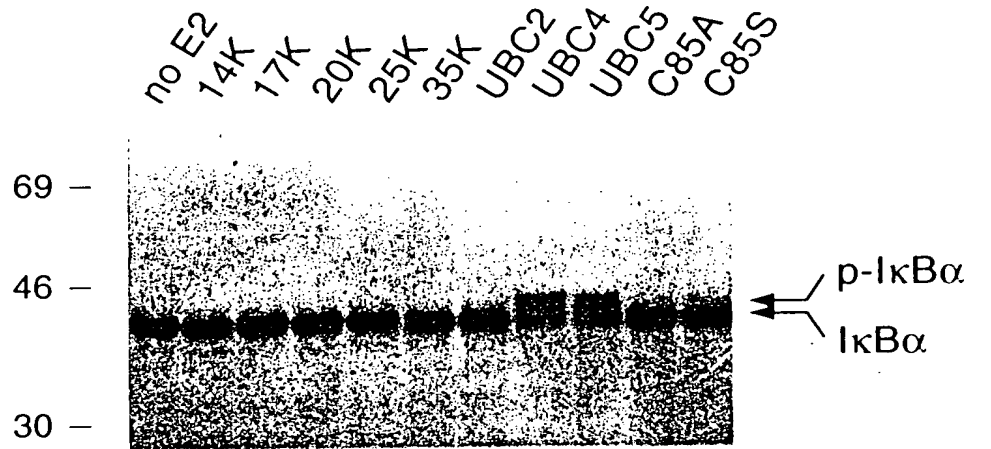
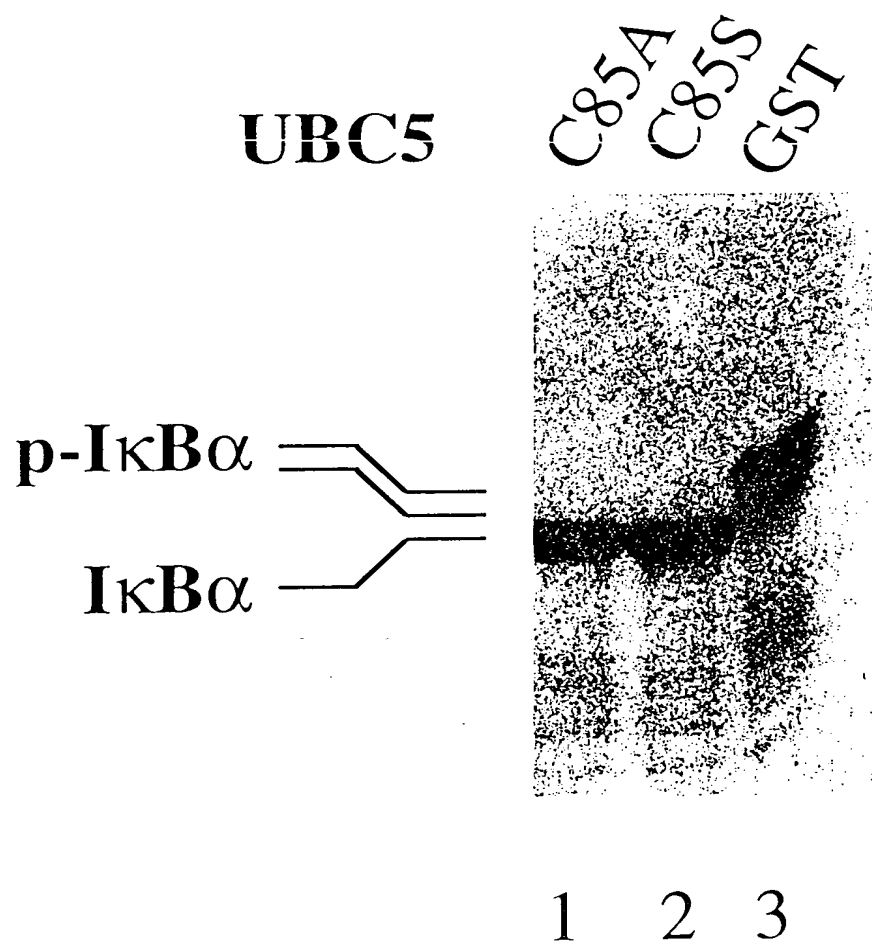


FIG.3D

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**FIG.3E**

Ub( $\mu$ M): 0 0.1 0.3 1 3 10

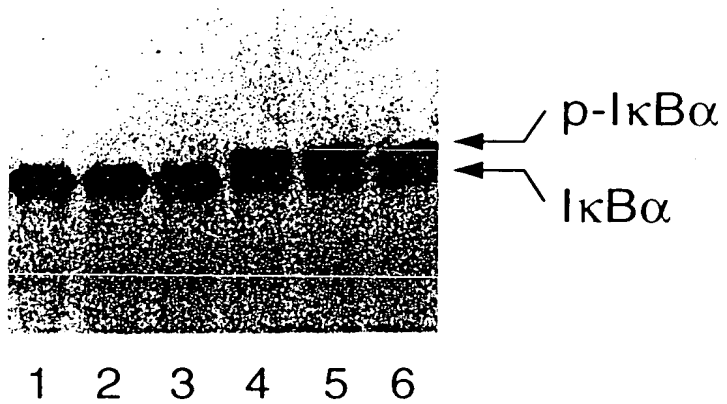


FIG.4A

Order of addition:

Ub( $\mu$ M): 0 1.2 2.4 2.4 60 0 2.4 60  
 MeUb( $\mu$ M): 0 0 0 40 40 40 40 40

Order of addition:  
 Ub/MeUb (lanes 4-5)  
 MeUb/Ub (lanes 7-8)

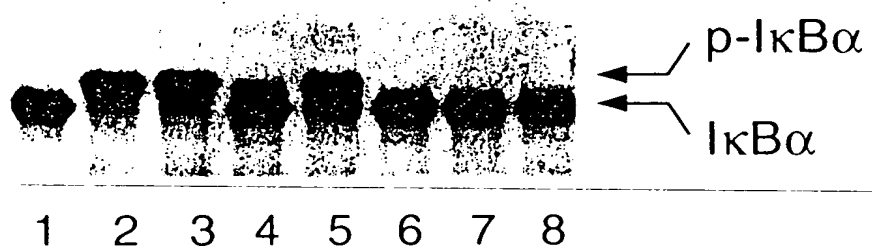


FIG.4B

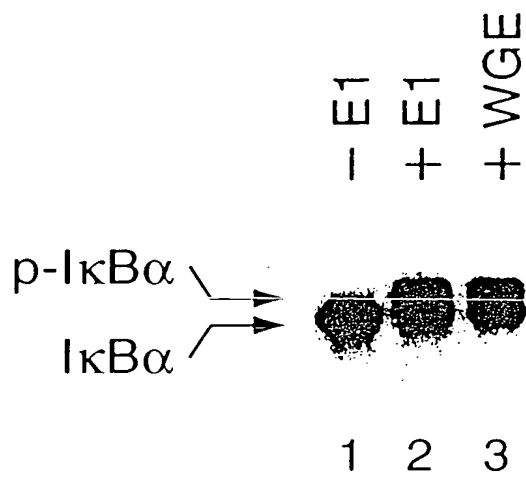


FIG.5A

Kinase:	-	+	+	+
Rel A:	+	+	-	+
OA:	+	+	+	-

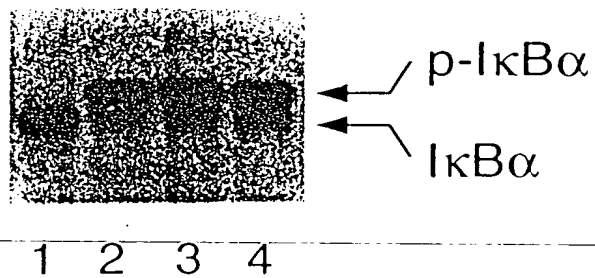


FIG.5B



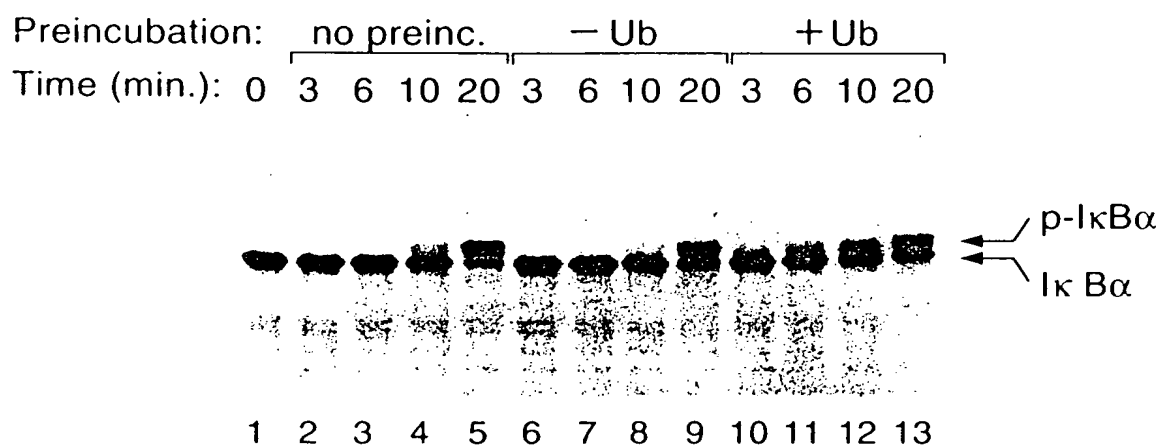


FIG.6A

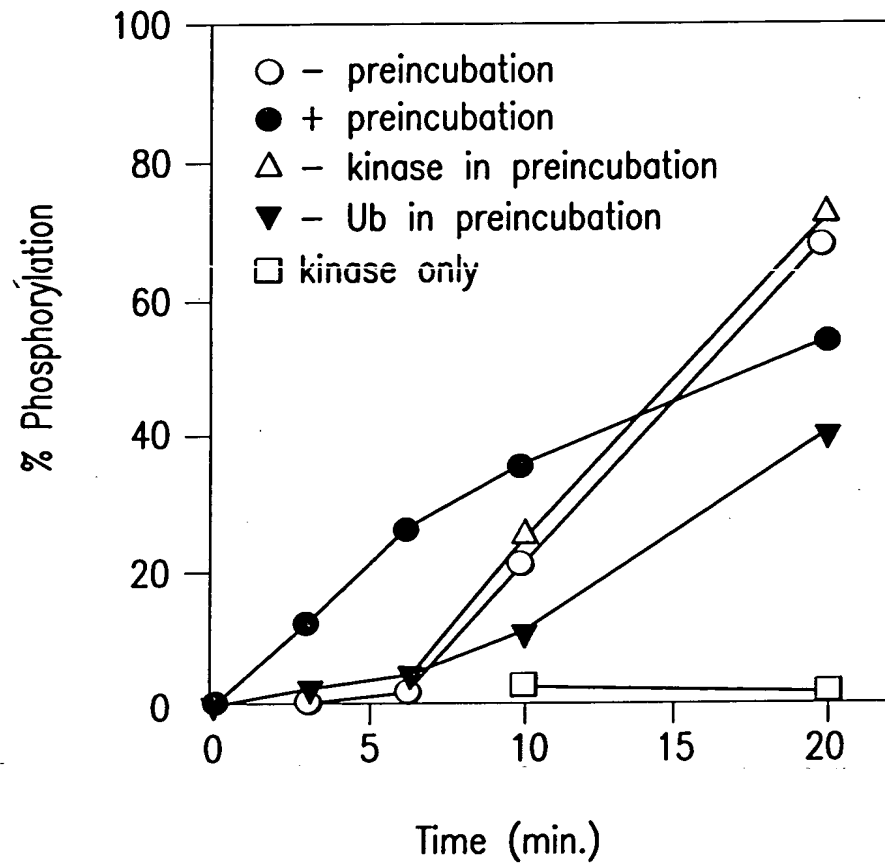


FIG. 6B

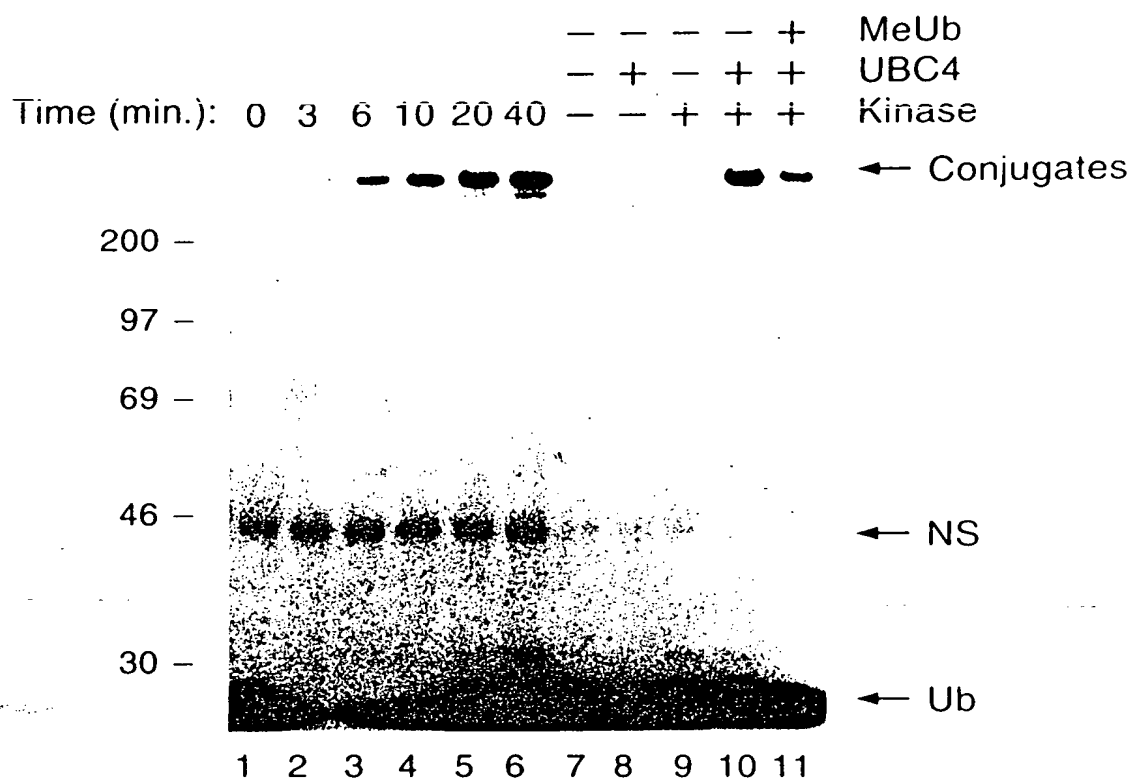


FIG.7A

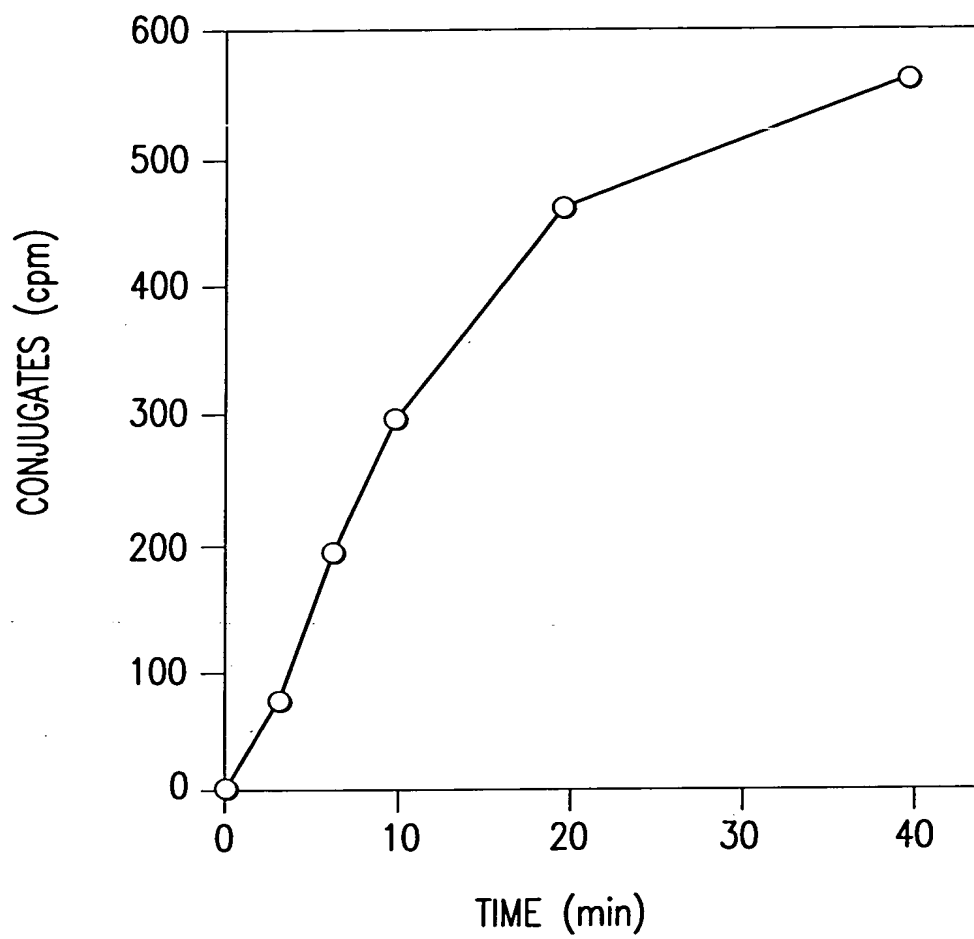


FIG. 7B

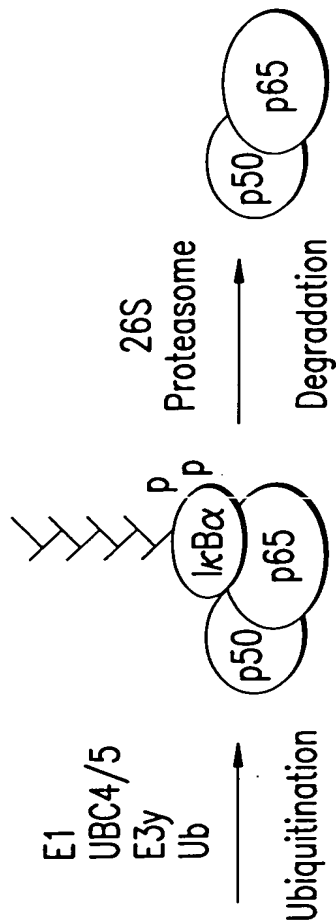
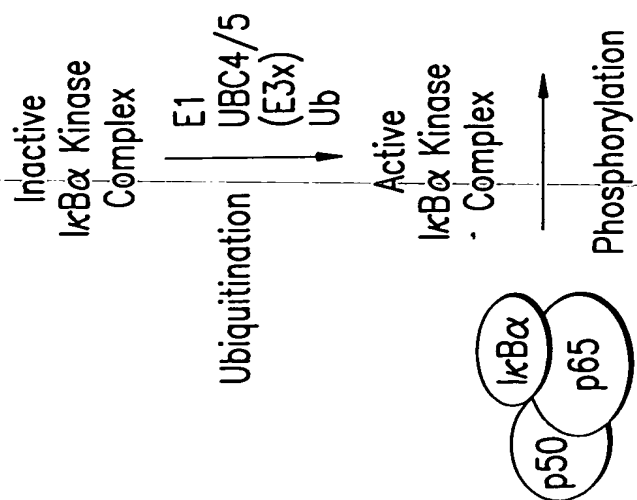


FIG. 8

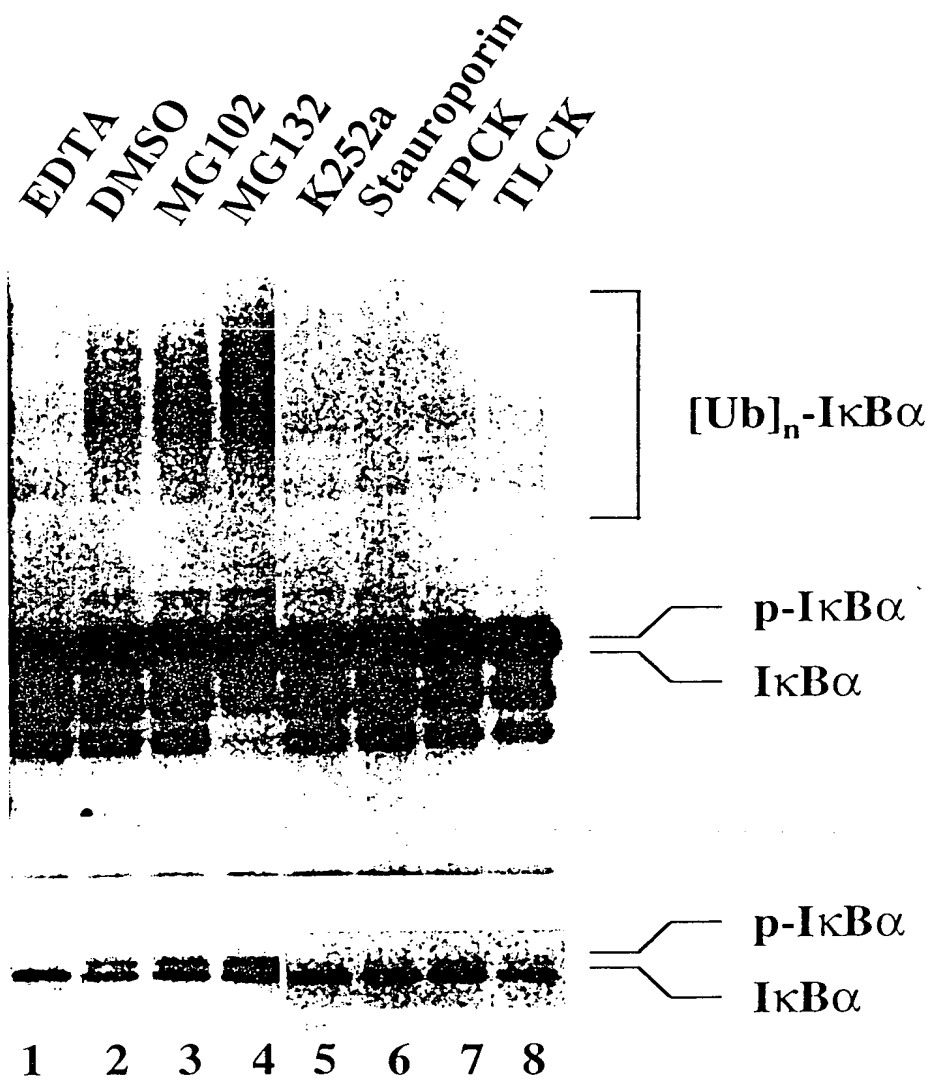


FIG.9

FIG.10A

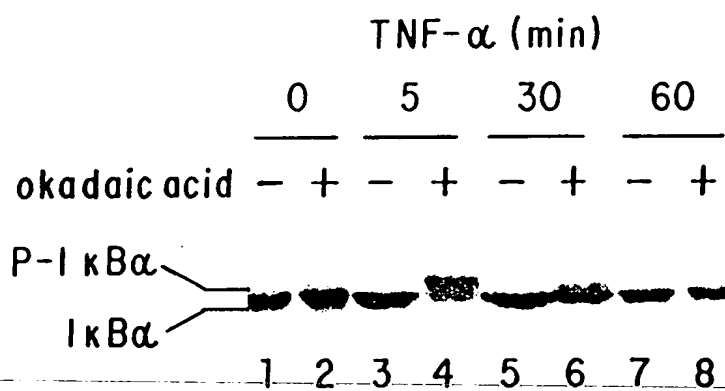
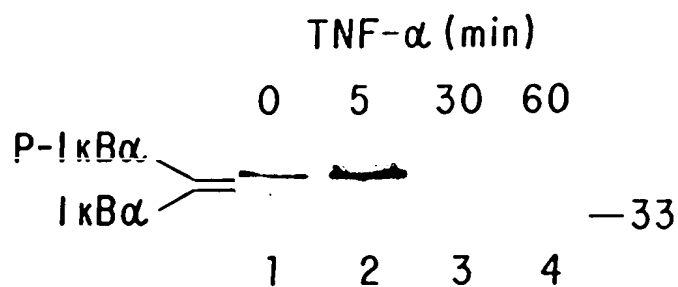


FIG.10B

FIG.10C

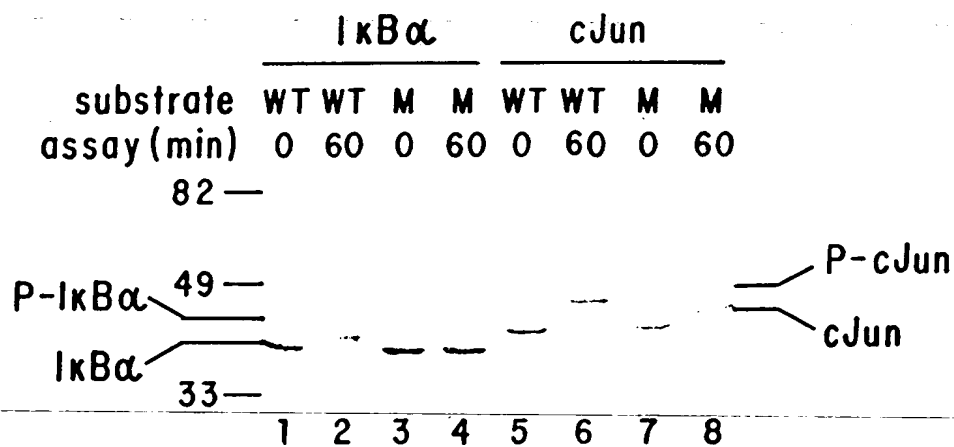
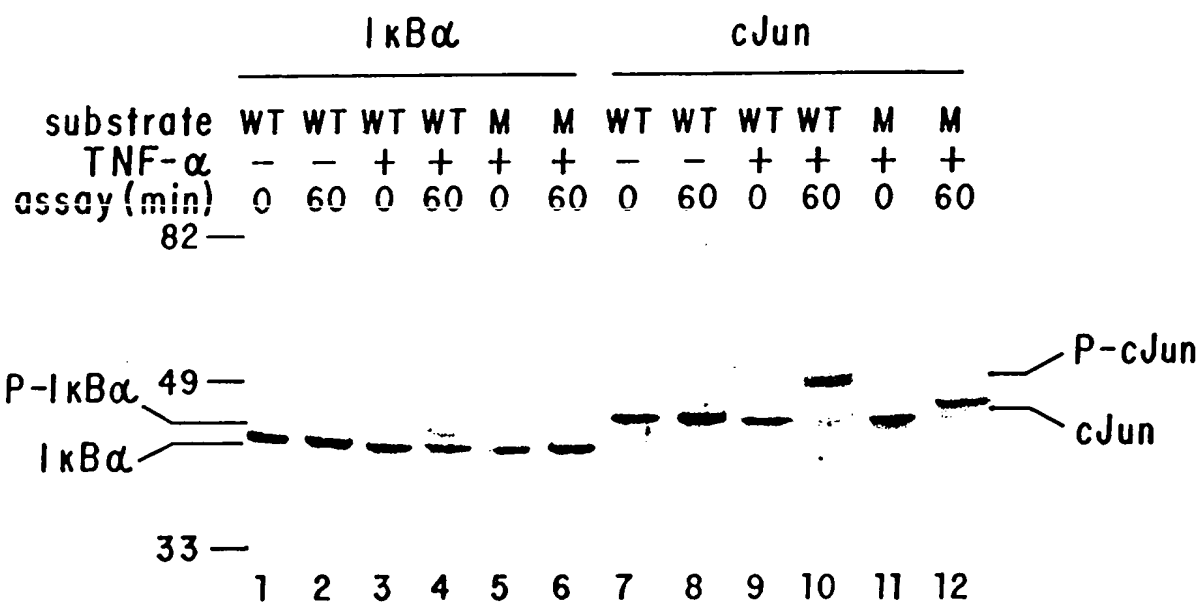


FIG.10D



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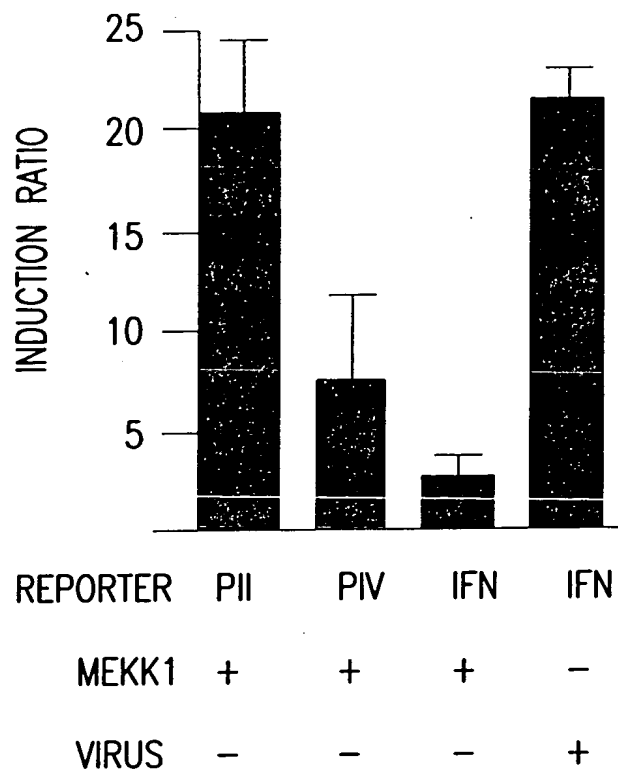


FIG. 11A

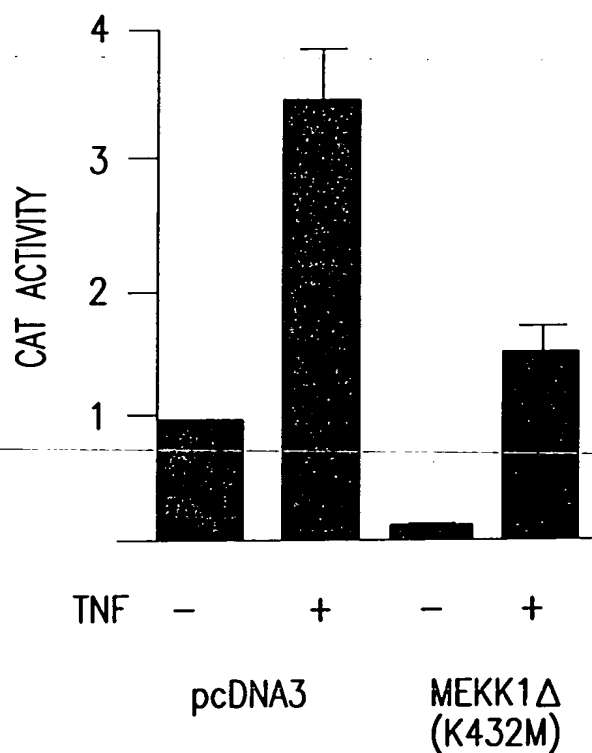


FIG. 11B

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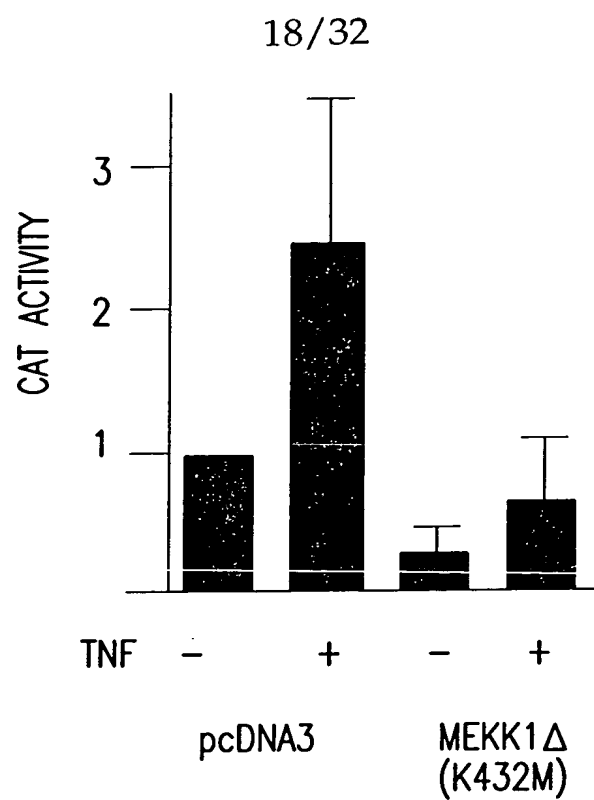


FIG. 11C

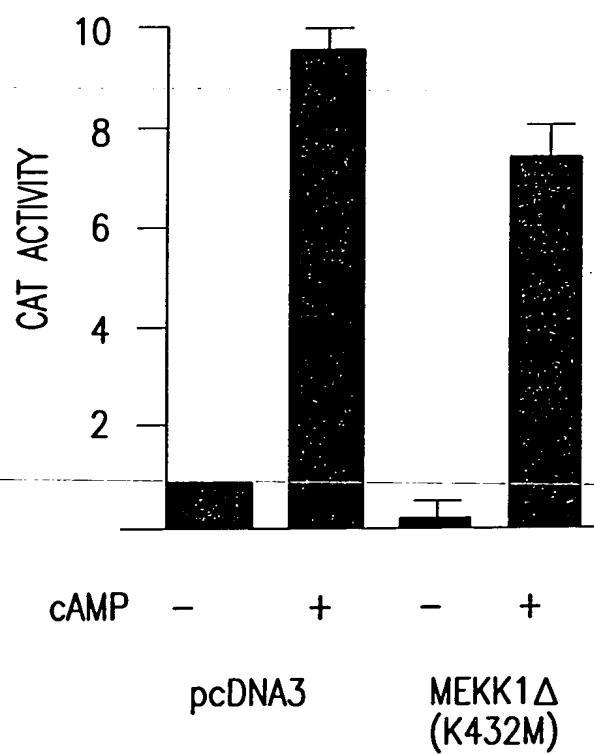


FIG. 11D

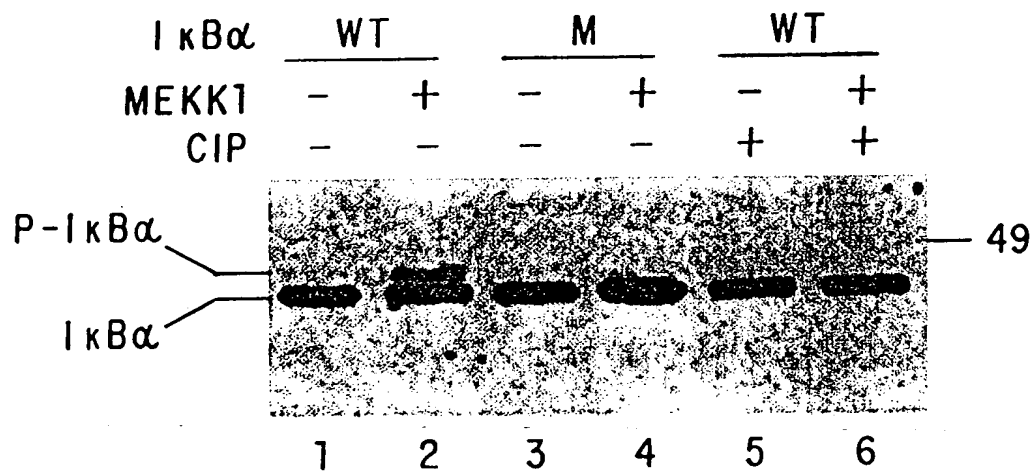


FIG.12

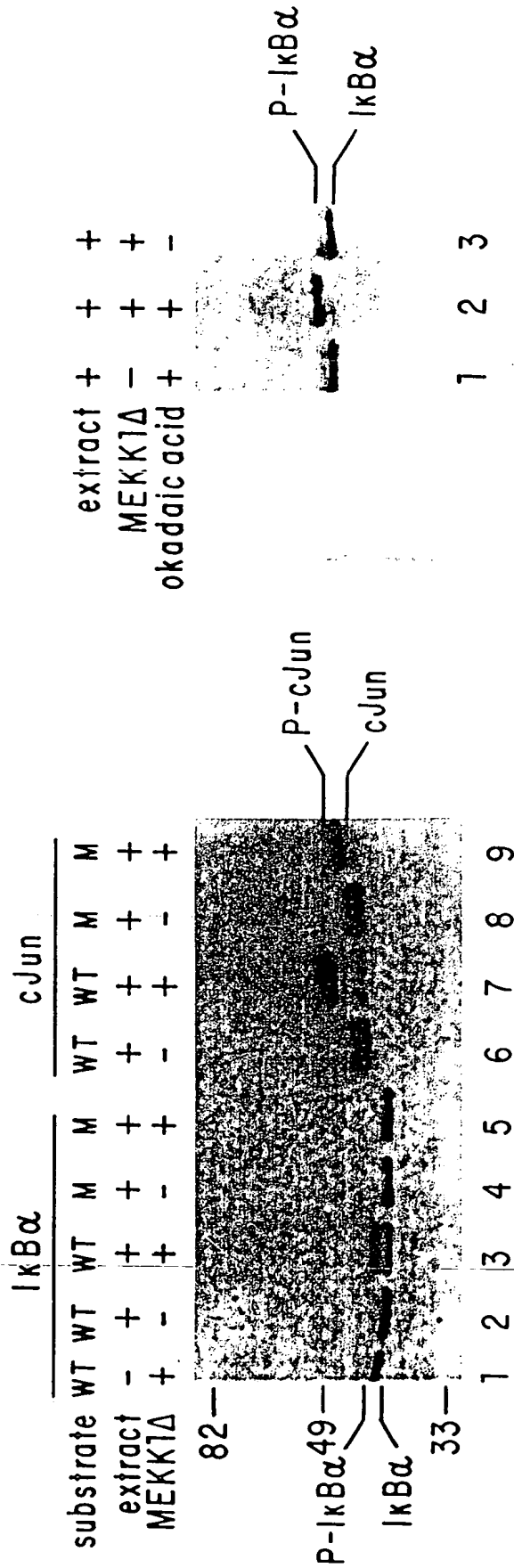


FIG.13A

FIG.13B

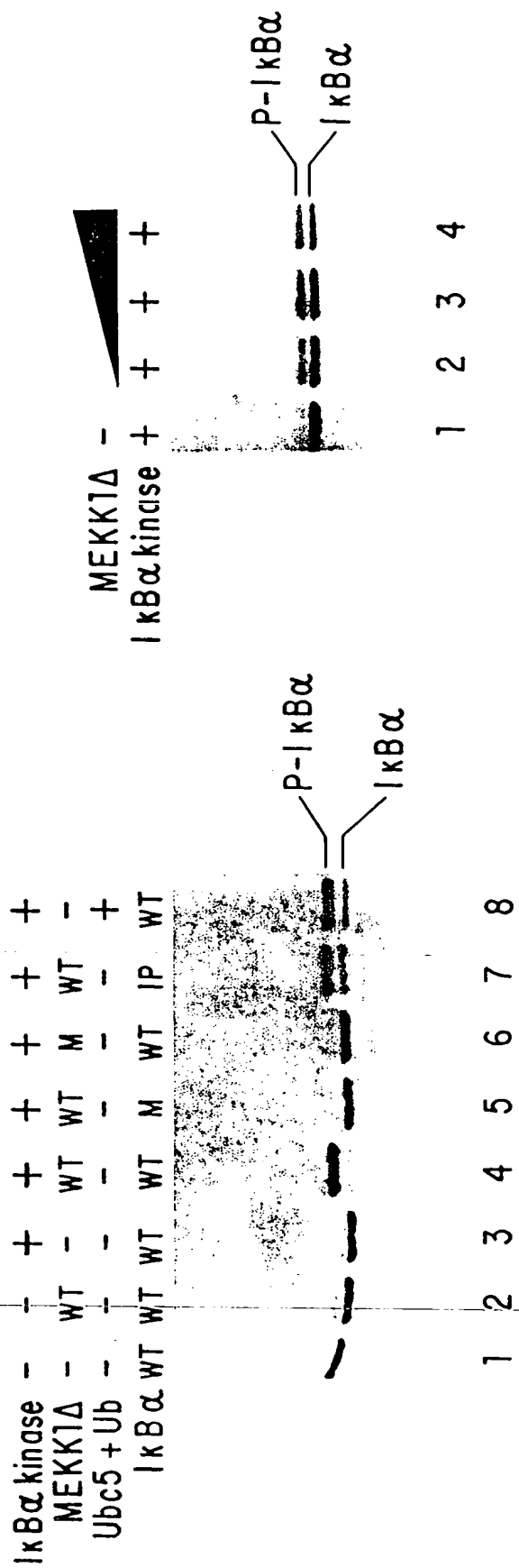


FIG.13C

FIG.13D

FIG. 14A



FIG. 14C

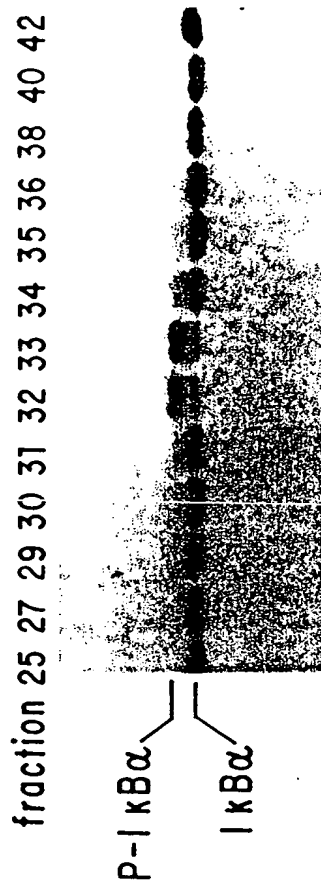


FIG. 14B

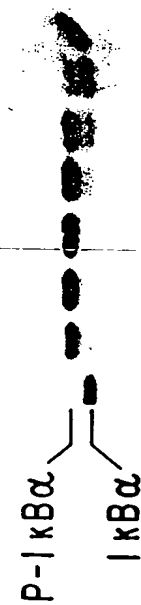
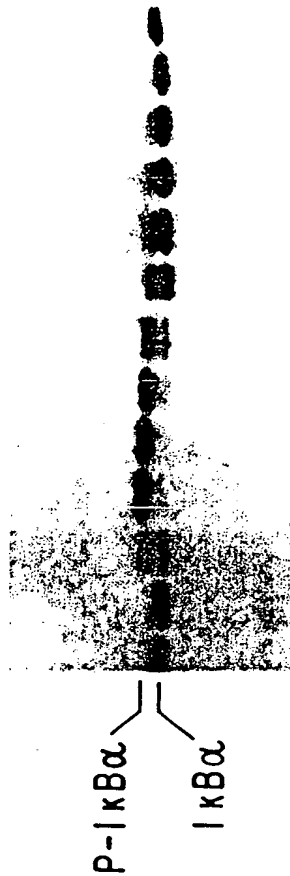


FIG. 14D



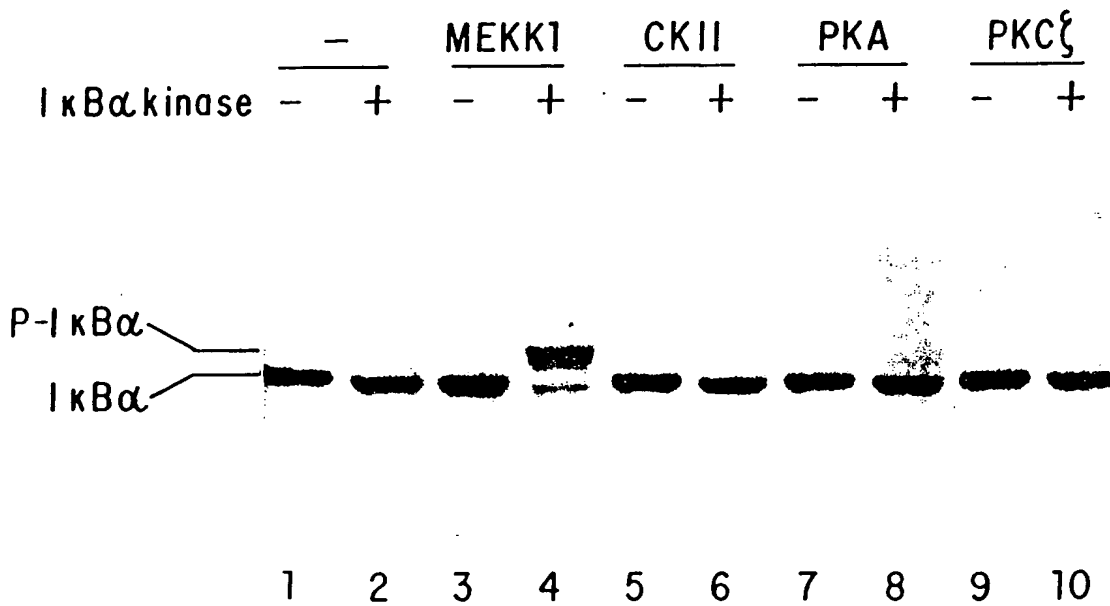


FIG.15A

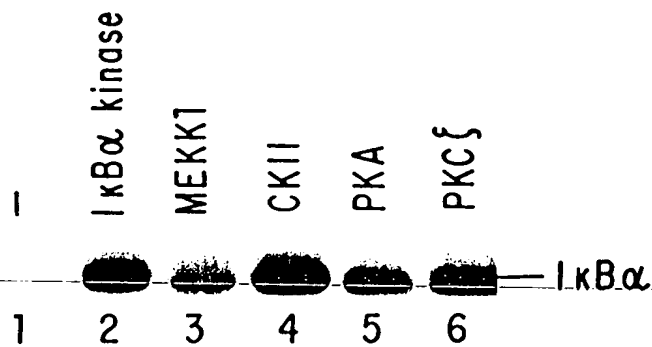


FIG.15B

CIP	-	-	+	+
MEKK1Δ	+	-	+	-

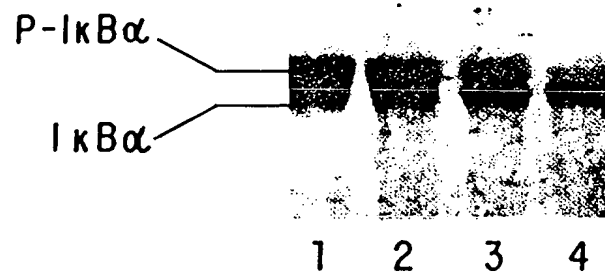


FIG.16A

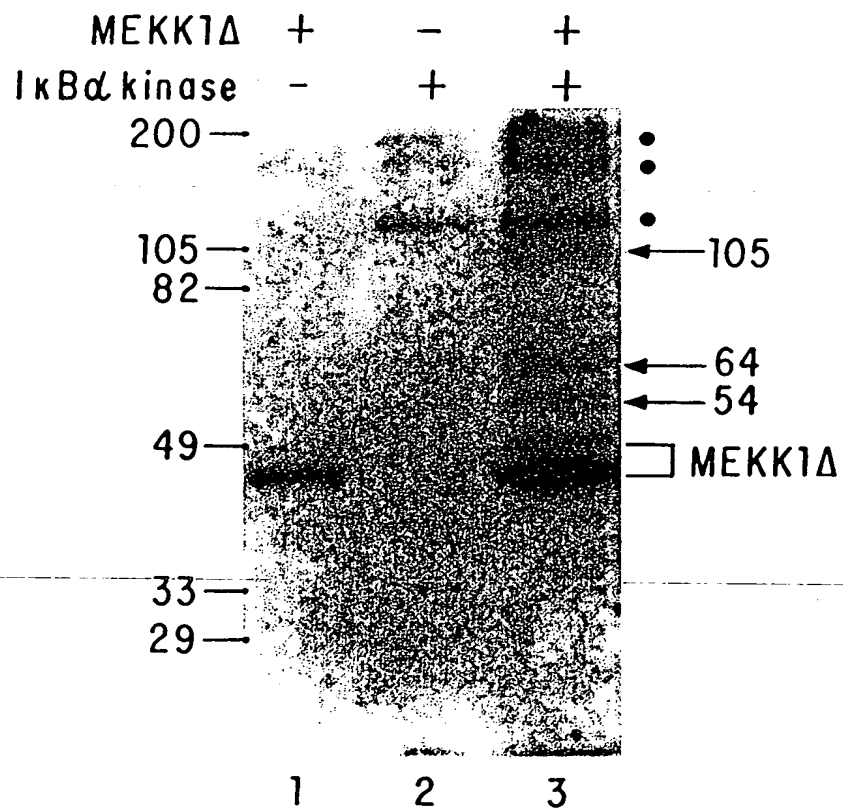


FIG.16B



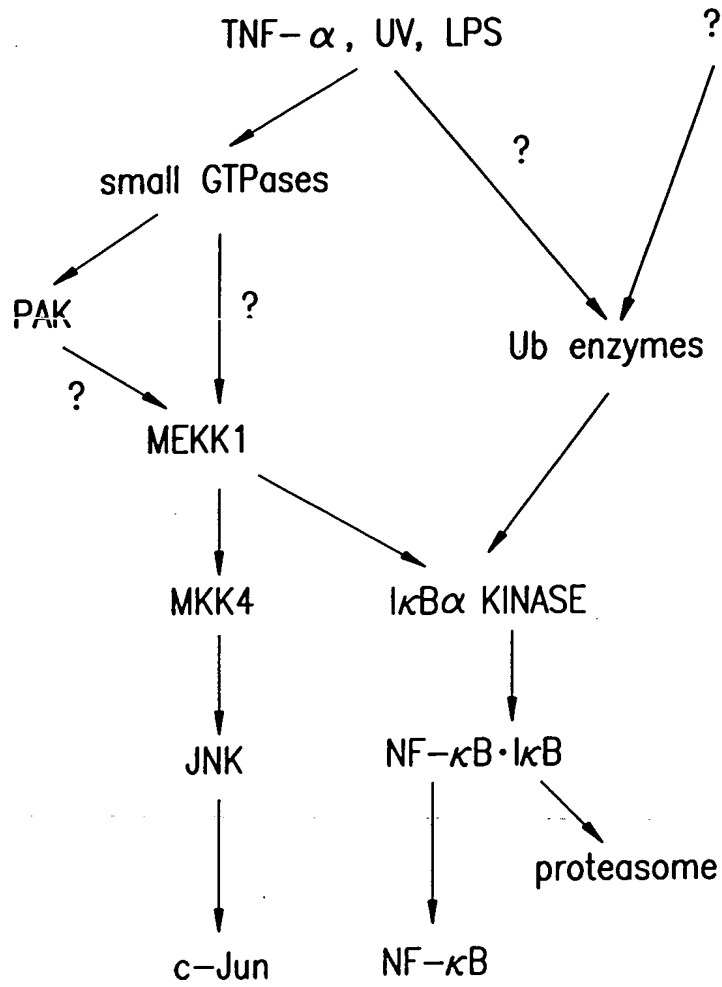


FIG. 17

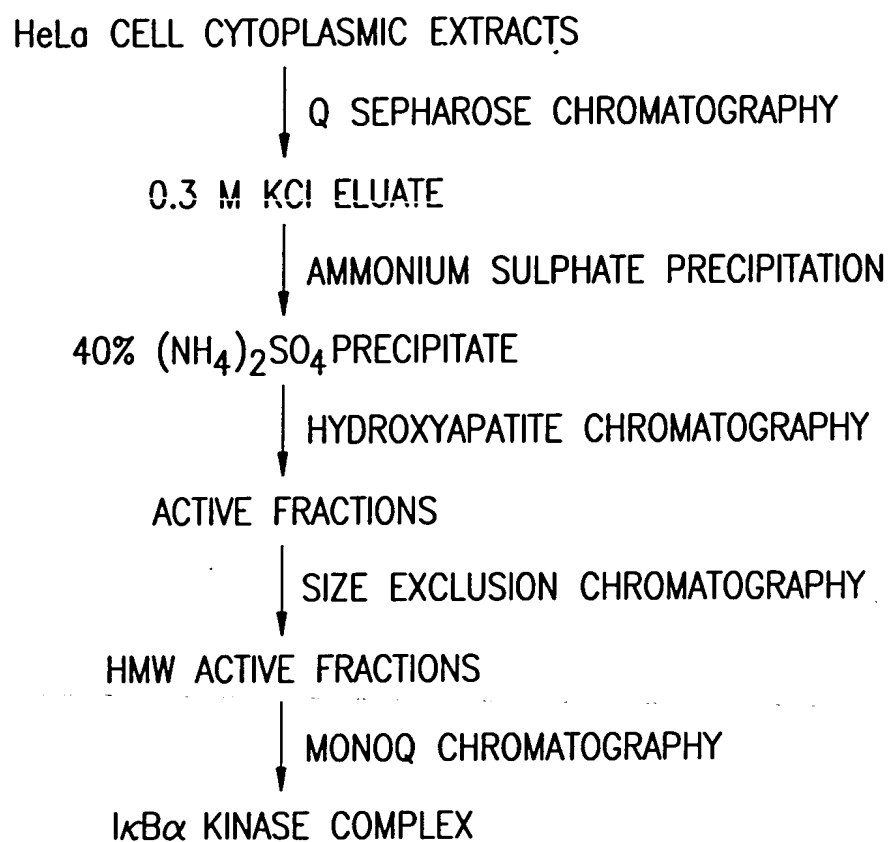
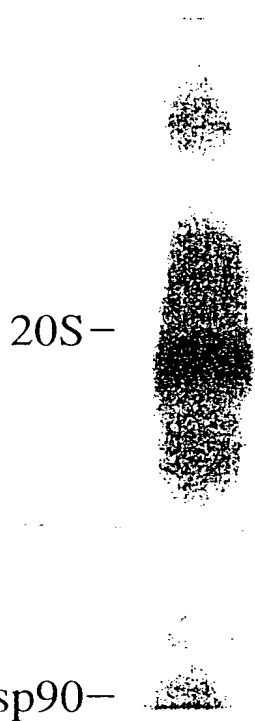
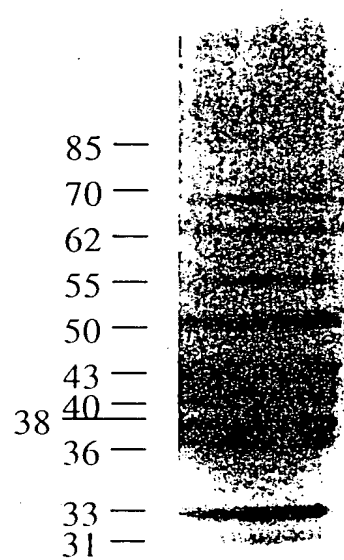


FIG. 18

**Native Gel  
(2-15%)**



**SDS Gel  
(12%)**



**FIG.19A**

**FIG.19B**

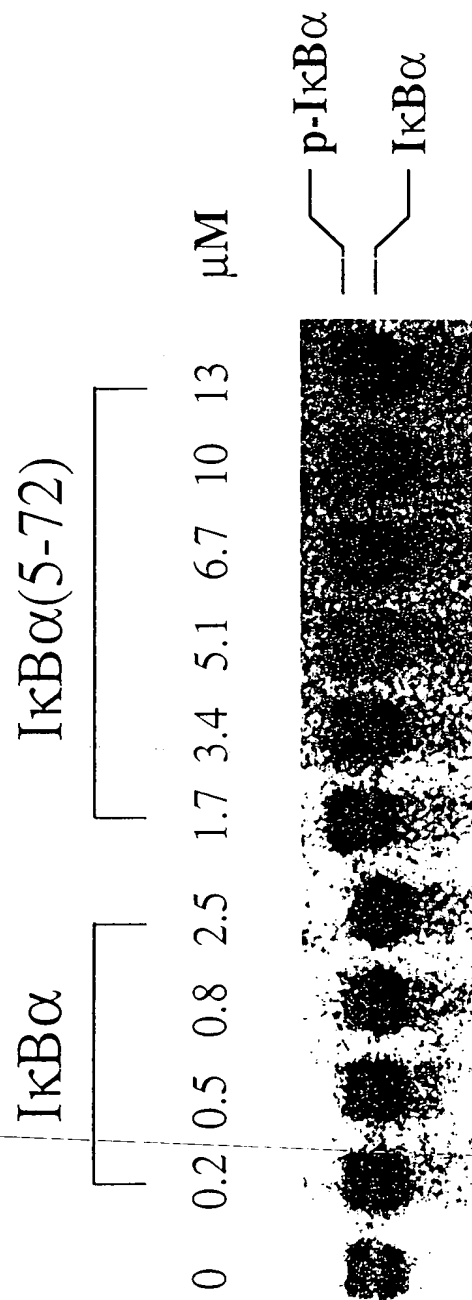


FIG.20

A p50: pep1: [L/I] [Y] [V] [E] [L/I] [E] [R]  
B pep2: [L/I] [Q/K] [E] [V] [L/I] [E] [T] [L/I] [L/I] [S]  
C [L/I] [E] [K\*]  
pep3: [L/I] [F] [T] [T] [M] [E] [L/I] [M] [R]  
D p40: pep4: [T] [Y] [H] [A] [L\*] [S] [N] [L\*] [P] [K\*]

FIG.21

2025-04-01 10:00:00

1 ggggtgacgag tgggtggccga agcaggggga cagcaaggga cgctcaggcg gggaccatgg  
61 cggacggcg ctcggagcgg gctgacgggc gcatcgtcaa gatggagggtg gactacagcg  
121 ccacggtgga tcagcgccta cccgagtgtg cgaagtatgc caaggaagga agacttcaag  
181 aagtcattga aacccttctc tctctggaaa agcagactcg tactgcttcc gatatggtat  
241 cgacatcccg tatcttagtt gcagtagtga agntgtgcta tgaggctaaa gaatgggatt  
301 tacttaatta aaaatattat tgctttttgt ccaaaaggcg gagtcaagtt aaaaacaagc  
361 tagttgacaa aaaatggatt naacagttgc tgnacttat tgttt

1 ataccaagag gtaccaggaa gcattgcatt tgggttctca gctgctgcgg gagttgaaaa  
61 agatggacga caaagctctt ttggtggaag tacagctttt agaaagcaaa acataccatg  
121 ccctgagcaa cctgccgaaa gcccgagctg ccttaacttc ttctcgaacc acagcaaatg  
181 ccatctactg cccctaaat tgcaggccac cttggacatg cagtcgggta ttatccatgc  
241 agcagaagag aaggcttgaa actcgtactc atacttctat gaggcattta gggatatgact  
301 catcgacagc ccaaggcatc aca

FIG.22

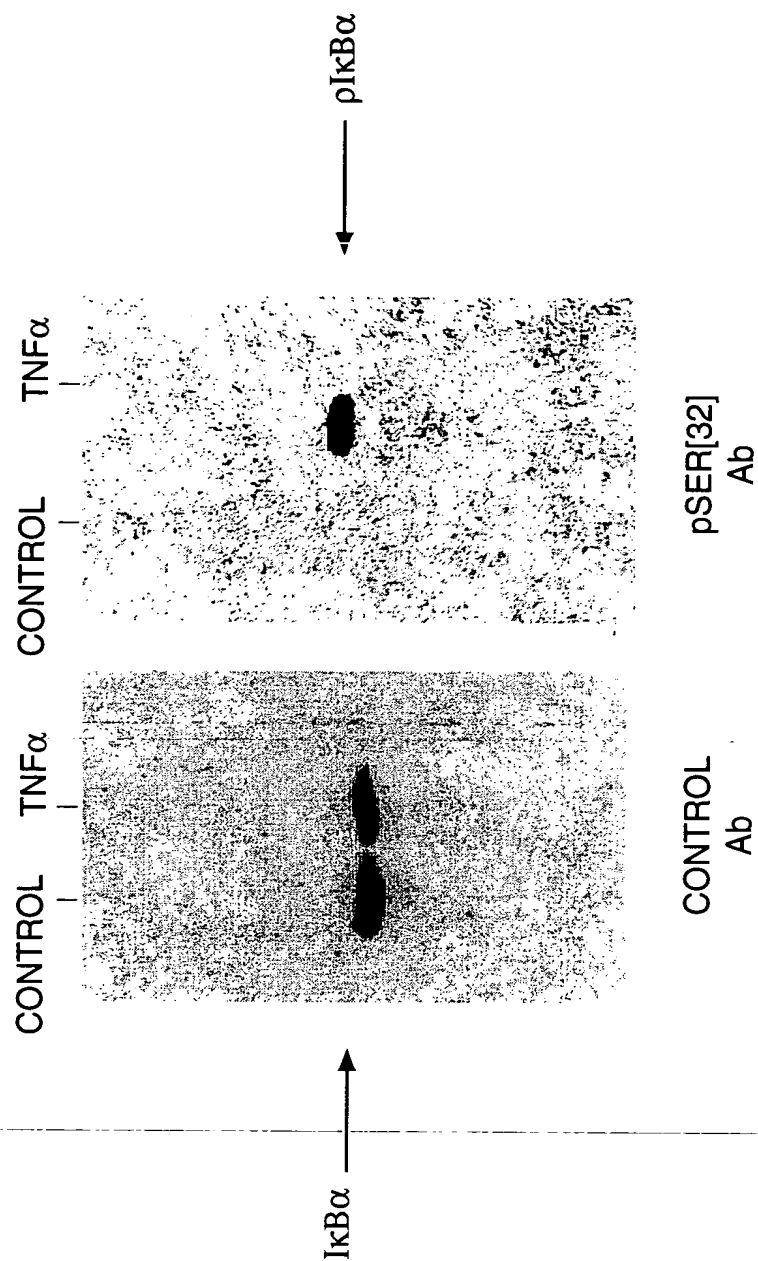


FIG. 23

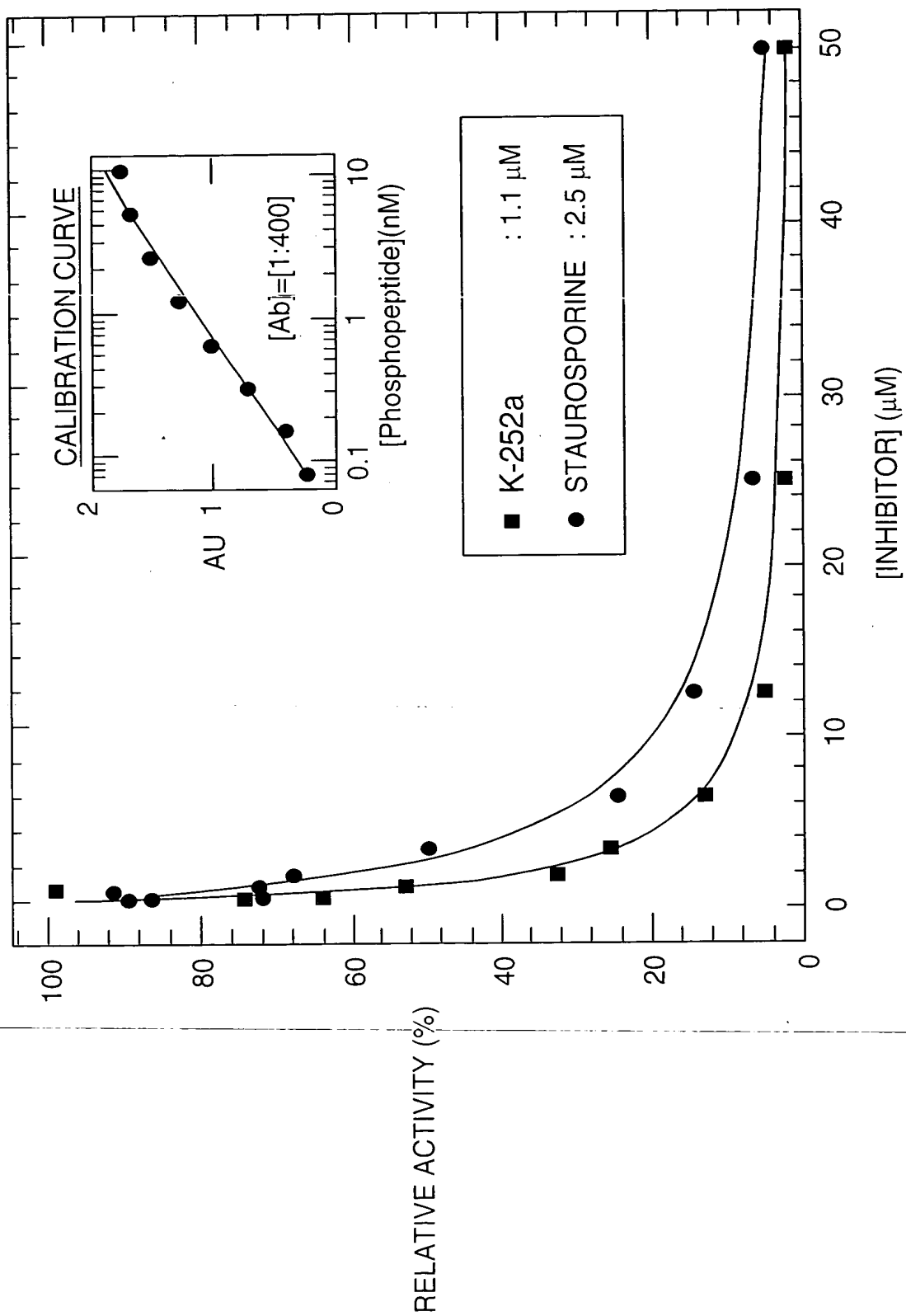


FIG. 24